

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection & Quarantine  
4700 River Road  
Riverdale, MD 20737

**Permit to Move Live Plant Pests, Noxious Weeds, and Soil**  
Interstate Movement  
**Regulated by 7 CFR 330**

This permit was generated electronically via the ePermits system

<b>PERMITTEE NAME:</b>	Dr. Mark Hoddle	<b>PERMIT NUMBER:</b>	P526P-19-03382
<b>ORGANIZATION:</b>	University of California	<b>APPLICATION NUMBER:</b>	P526-190324-001
<b>ADDRESS:</b>	Department of Entomology University of California Riverside, CA 92521	<b>FACILITY NUMBER:</b>	N/A
<b>MAILING ADDRESS:</b>	Department of Entomology University of California Riverside, CA 92521	<b>HAND CARRY:</b>	No
<b>PHONE:</b>	951-827-4714	<b>DATE ISSUED:</b>	08/08/2019
<b>FAX:</b>	951-827-3086	<b>EXPIRES:</b>	<b>08/08/2022</b>
<b>DESTINATION:</b>	Department of Entomology Quarantine Facility, 3401 Watkins Drive, Riverside, CA 92521		
<b>RELEASE:</b>	No		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Diaphorencyrtus aligarhensis	Adult, Pupae	Research - Lab FL, TX		Originally Collected from Foreign Locations	Establish & maintain quarantine colonies
Tamarixia radiata	Adult, Pupae	Research - Lab FL, TX		Originally Collected from Foreign Locations	Establish & maintain quarantine colonies

**PERMIT GUIDANCE**

- 1) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.
- 2) If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to [http://www.aphis.usda.gov/import\\_export/animals/animal\\_import/animal\\_imports\\_an\\_products.shtml](http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_an_products.shtml)

Permit Number P526P-19-03382

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING  
PPQ HEADQUARTER OFFICIAL VIA EPERMITS.



**Robert Pfannenstiel**

DATE

**08/08/2019**

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 4) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 5) If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

### PERMIT CONDITIONS

USDA-APHIS issues this permit to Mark Hoddle, University of California, Dept. of Entomology, 3401 Watkins Drive, Riverside, CA 92521. This permit authorizes the interstate movement of *Diaphorencyrtus aligarhensis* and *Tamarixia radiata* from Florida and Texas to the permit holder, Dr Mark Hoddle University of California, Department of Entomology for research in the laboratory greenhouse facilities at that address.

The transported material may contain dead and dying (mummified) stages of target species (Asian citrus psyllid, *Diaphorina citri*) and non-propagative host plant parts (leaves).

This permit authorizes the possession and rearing of *Diaphorencyrtus aligarhensis* and *Tamarixia radiata* received under this permit for research at University of California, Department of Entomology laboratory facilities at 3401 Watkins Drive, Riverside, CA 92521, subject to the conditions below.

1. • This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.
- You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
- You are legally responsible for complying with all permit requirements and permit conditions.
- If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
- Without prior notice and during reasonable hours, authorized Federal and State Regulators must

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be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

2. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or [pest.permits@usda.gov](mailto:pest.permits@usda.gov) within one business day of the event triggering a notification.

3. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of the listed materials/organisms. The inner/primary package(s) will contain all regulated materials/organisms and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.

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4. Upon receipt of package(s), the package shall be moved to a secure area at the address for opening such that unauthorized organisms may be contained.

Upon removal of organisms regulated under this permit, all other biological material and substrate, including soil, host plant material, and other plant material, if any, as well as the primary shipping containers and any packing material media in the primary container, shall be properly disposed of or destroyed immediately. Procedure for proper disposal or destruction: all material must be double bagged, and then either sterilized by autoclave, or other established laboratory procedures, such that material is effectively devitalized and sterilized.

Only secondary containers and packing materials suitable for re-use (such as coolers and icepacks) may be reused, and only after sterilization by autoclave, or with bleach or alcohol, etc., as per protocols established and adopted for this facility.

5. This permit authorizes the receipt and possession of live organisms of only *Diaphorencyrtus aligarhensis* and *Tamarixia radiata* received from Florida and Texas under this permit.

Not authorized under this permit are other live cultures of other taxonomic groups or strains collected from other foreign countries.

Live unparasitized hosts (Asian citrus psyllid, *Diaphorina citri*) are not authorized for receipt under this permit.

6. The regulated organisms authorized for import under this permit are to be maintained only in the laboratory area and greenhouse/associated facilities at University of California, Department of Entomology 3401 Watkins Drive, Riverside, CA 92521. Distribution or dissemination to other sites beyond/outside this location requires a separate prior authorization from APHIS PPQ (a PPQ 526 Permit), or amendment to this permit.

This permit does not authorize field release, interstate transport, field research, or other such activities in the natural environment with the regulated organisms authorized under this permit.

7. All activities and procedures must be conducted in restricted access areas not accessible to unauthorized persons through locking (key, key card or code) of areas, rooms and associated equipment and storage areas where the organisms, or preparations containing the organisms are kept, or other effective method of restriction.

The permit holder must insure that all persons working with these regulated organisms are informed of these permit conditions and understand the requirement to adhere to these conditions.

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8. A separate authorization from USDA APHIS (a new PPQ 526 permit) is required for possession/maintenance of live regulated organisms received under this permit beyond the expiration of this permit. Otherwise, all regulated organisms possessed under this permit must be devitalized prior to expiration of this permit.

**END OF PERMIT CONDITIONS**

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